



copy

A34537-PCT-USA (072667.0175)  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Werr  
Serial No. : 09/890,779 Examiner : To Be Assigned  
Filed : August 6, 2001 Group Art Unit: 1646  
For : A METHOD FOR INHIBITING THE EXPRESSION OF  
TARGET GENES

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

I hereby certify that this paper is being deposited with the United States  
Postal Service as first class mail in an envelope addressed to: Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

September 26, 2003

Date of Deposit

Rochelle K. Seide

Attorney Name

Rochelle K. Seide  
Signature

32,300

PTO Registration No.

September 26, 2003

Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In supplement to the Information Disclosure Statement submitted on September 21, 2001 in the above-captioned application and pursuant to the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants respectfully request that the additional publications relating to the above-mentioned application listed herein and on the accompanying PTO Form 1449 be considered by the Examiner and made of record in the U.S. Patent and Trademark Office.

1. U.S. Patent No. 5,907,081 to Isaac *et al.* entitled "Control of Plant Abscission and Pod Dehiscence," issued May 25, 1999.
2. Ahmad KF, Engel CK, Prive GG (1998). Crystal structure of the BTB domain from PLZF. *Proc Natl Acad Sci USA* 95(21):12123-12128.
3. Hardtke CS, Berleth T (1998). The Arabidopsis gene *MONOPTEROS* encodes a transcription factor mediating embryo axis formation and vascular development. *EMBO J* 17(5):1405-1411.
4. Huynh KD, Bardwell VJ (1998). The BCL-6 POZ domain and other POZ domains interact with the co-repressors N-CoR and SMRT. *Oncogene* 17(19):2473-2484.
5. Salter MG, Paine JA, Riddell KV, Jepson I, Greenland AJ, Caddick MX, Tomsett AB (1998). Characterisation of the ethanoil-inducible *alc* gene expression system for transgenic plants. *Plant J* 16:127-132.
6. Tamagnone L, Merida A, Parr A, Mackay S, Culianez-Macia FA, Roberts K, Martin C (1998). The AmMYB308 and AmMYB330 transcription factors from antirrhinum regulate phenylpropanoid and lignin biosynthesis in transgenic tobacco. *Plant Cell* 10(2):135-154.
7. Thiel G, Lietz M, Cramer M (1998). Biological activity and modular structure of RE-1-silencing transcription factor (REST), a repressor of neuronal genes. *J Biol Chem* 273(41):26891-26899.

8. Tolkunova EN, Fujoka M, Kobayashi M, Deka D, Jaynes JB (1998). Two distinct types of repression domain in engrailed: one interacts with the groucho corepressor and is preferentially active on integrated target genes. *Mol Cell Biol* 18(5):2804-2814.
9. International Application No. PCT/GB96/03191 by Gene Shears entitled "DNA Sequences Coding For A Protein Conferring Males Sterility," published as WO97/23618 on 3 July 1997.
10. Bürglin TR (1997). Analysis of TALE superclass homeobox genes (MEIS, PBC, KNOX, Iroquois, TGIF) reveals a novel domain conserved between plants and animals. *Nucleic Acids Res* 25(21):4173-4180.
11. Martin C, Paz-Ares J (1997). MYB transcription factors in plants. *Trends Genet* 13(2):67-73.
12. Moosmann P, Georgiev O, Thiesen HJ, Hagmann M, Schaffner W (1997). Silencing of RNA polymerases II and III-dependent transcription by the KRAB protein domain of KOX1, a Kruppel-type zinc finger factor. *Biol Chem* 378(7):669-677.
13. U.S. Patent No. 5,689,044 to Ryals *et al.* entitled "Chemically Inducible Promoter of a Plant PR-1 Gene," issued November 18, 1997.
14. Sessions A, Nemhauser JL, McColl A, Roe JL, Feldmann KA, Zambryski PC (1997). *ETTIN* patterns the *Arabidopsis* floral meristem and reproductive organs. *Development* 124(22):4481-4491.

15. Ulmasov T, Hagen G, Guilfoyle TJ (1997). ARF1, a transcription factor that binds to auxin response elements. *Science* 276(5320):1865-1868.
16. Conlon FL, Sedgwick SG, Weston KM, Smith JC (1996). Inhibition of Xbra transcription activation causes defects in mesodermal patterning and reveals autoregulation of Xbra in dorsal mesoderm. *Development* 122(8):2427-2435.
17. Friedmann JR, Fredericks WJ, Jensen DE, Speicher DW, Huang XP, Neilson EG, Rauscher FJ III (1996). KAP-1, a novel corepressor for the highly conserved KRAB repression domain. *Genes Dev* 10:2067-2078.
18. Ishida Y, Saito H, Ohta S, Hiei Y, Komari T, Kumashiro T (1996). High efficiency transformation of maize (*Zea mays* L.) mediated by *Agrobacterium tumefaciens*. *Nat Biotechnol* 14(6):745-750.
19. Simon R, Igeno MI, Coupland G (1996). Activation of floral meristem identity genes in Arabidopsis. *Nature* 384(6604):59-62.
20. Smith ST, Jaynes JB (1996). A conserved region of engrailed, shared among all en-, gsc-, Nk1-, Nk2- and msh-class homeoproteins, mediates active transcriptional repression in vivo. *Development* 122(10):3141-3150.
21. Überlackner B, Werr W (1996). Vectors with rare-cutter restriction enzyme sites for expression of open reading frames in transgenic plants. *Molecular Breeding* 2:293-295.

22. John A, Smith ST, Jaynes JB (1995). Inserting the Ftz homeodomain into engrailed creates a dominant transcriptional repressor that specifically turns off Ftz target genes in vivo. *Development* 121(6):1801-1813.
23. Ni M, Cui D, Einstein J, Narasimhulu S, Vergara CE, Gelvin SB (1995). Strength and tissue specificity of chimeric promoters derived from the octopine and mannopine synthase genes. *Plant J* 7:661-676.
24. Vos P, Hogers R, Bleeker M, Reijans M, van de Lee T, Hornes M, Frijters A, Pot J, Peleman J, Kuiper M, *et al.* (1995). AFLP: a new technique for DNA fingerprinting. *Nucleic Acids Res* 23(21):4407-4414.
25. International Patent Application No. PCT/FR94/00316 by ELF Sanofi and ELF Aquitane entitled "Plant Promoter, Microorganisms And Plant Cells Containing A Unit For the Expression of a Protein of Interest Comprising Said Promoter," published as WO94/21793 on 29 September 1994.
26. Dennehey BK, Petersen WL, Ford-Santino C, Pajean M, Armstrong CL (1994). Comparison of selective agents for use with the selectable marker gene *bar* in maize transformation. *Plant Cell Tissue and Organ Culture* 36:1-7.
27. European Patent Application No. EP 0 692 030 entitled "Control of Plant Abscission and Pod Dehiscence," corresponding to International Application No. PCT/GB94/00689, published as WO94/23043 on October 13, 1994.

28. Flavell RB (1994). Inactivation of gene expression in plants as a consequence of specific sequence duplication. *Proc Natl Acad Sci USA* 97(9):3490-3496.
29. International Application No. PCT/GB94/00689 by Nickerson Biocem Ltd. entitled "Control of Plant Abscission and Pod Dehiscence," and published as WO94/23043 on October 13, 1994.
30. Kerstetter R, Vollbrecht E, Lowe B, Veit B, Yamaguchi J, Hake S (1994). Sequence analysis and expression patterns divide the maize *knotted1*-like homeobox genes into two classes. *Plant Cell* 6(12):1877-1887.
31. Lloyd AM, Schena M, Walbot V, Davis RW (1994). Epidermal cell fate determination in *Arabidopsis*: patterns defined by a steroid-inducible regulator. *Science* 266(5184):436-439.
32. Witzgall R, O'Leary E, Leaf A, Onaldi D, Bonventre JV (1994). The Kruppel-associated box-A (KRAB-A) domain of zinc finger proteins mediates transcriptional repression. *Proc Natl Acad Sci USA* 91(10):4514-4518.
33. International Patent Application No. PCT/GB92/01354 by Nickerson Biocem entitled "Callase-Related DNAs and Their Use In Artificial Male Sterility," published as WO93/02197 on 4 February 1993.

34. Bechtold N, Ellis J, Pelletier G (1993). *In planta Agrobacterium* mediated gene transfer by infiltration of adult *Arabidopsis thaliana* plants. *C.R. Acad Science* 316:1194-1199.
35. Gaubier P, Raynal M, Hull G, Huestis GM, Grellet F, Arenas C, Pages M, Delseny M (1993). Two different *Em*-like genes are expressed in *Arabidopsis thaliana* seeds during maturation. *Mol Gen Genet* 238(3):409-418.
36. Han K, Manley JL (1993). Functional domains of the *Drosophila* Engrailed protein. *EMBO J* 12(7):2723-2733.
37. Liang P, Averboukh L, Pardee AB (1993). Distribution and cloning of eukaryotic mRNAs by means of differential display: refinements and optimization. *Nucleic Acids Res* 21(14):3269-3275.
38. International Patent Application No. PCT/GB91/02317 by Nickerson International Seed Company entitled "Tapetum-Specific Promoters From *Brassicaceae* SPP," published as WO92/11379 on 9 July 1992.
39. Jack T, Brockman LL, Meyerowitz EM (1992). The homeotic gene *APETALA3* of *Arabidopsis thaliana* encodes a MADS box and is expressed in petals and stamens. *Cell* 68(4):683-697.
40. Depigny-This D, Raynal M, Aspart L, Delseny M, Grellet F (1992). The cruciferin gene family in radish. *Plant Mol Biol* 20(3):467-479.

41. European Patent Application No. EP 0 475 584 A2 by Bowen *et al.* entitled "Inactivation of Gene Transcription in Plants Using Altered Transcriptional Activators," published on 18 March 1992.
42. Binet M-N, Lepetit M, Weil J-H, Tessier L-H (1991). Analysis of a sunflower polyubiquitin promoter by transient expression. *Plant Science* 79:87-94.
43. Martin C, Prescott A, Mackay S, Bartlett J, Vrijlandt E (1991). Control of anthocyanin biosynthesis in flowers of *Antirrhinum majus*. *Plant J* 1(1):37-49.
44. McElroy D, Blowers AD, Jenes B, Wu R (1991). Construction of expression vectors based on the rice actin 1 (Act1) 5' region for use in monocot transformation. *Mol Gen Genet* 231(1):150-160.
45. Schena M, Lloyd AM, Davis RW (1991). A steroid-inducible gene expression system for plant cells. *Proc Natl Acad Sci USA* 88(23):10421-10425.
46. International Patent Application No. PCT/US89/03536 by Calgene entitled "Plant Elongation Factor, Promoters, Coding Sequences and Uses," published as WO90/02172 on 8 March 1990.
47. U.S. Patent No. 4,943,674 by Houck *et al.* entitled "Fruit Specific Transcriptional Factors," issued July 24, 1990.



48. Reina M, Ponte I, Guillen P, Boronat A, Palau J (1990). Sequence analysis of a genomic clone encoding a Zc2 protein from Zea mays W64 A. *Nucleic Acids Res* 18(21):6426.
49. Schmidt RJ, Burr FA, Aukerman MJ, Burr B (1990). Maize regulatory gene opaque-2 encodes a protein with a "leucine-zipper" motif that binds to zein DNA. *Proc Natl Acad Sci USA* 87(1):46-50.
50. International Patent Application No. PCT/EP89/00495 by Plant Genetic Systems entitled "Plants With Modified Stamen Cells," published as WO89/10396 on 2 November 1989.
51. Anderson OD, Greene FC (1989). The characterization and comparative analysis of high-molecular-weight glutenin genes from genomes A and B of a hexaploid bread wheat. *T.A.G.* 77:689-700.
52. Axelos M, Bardet C, Liboz T, Le Van Thai A, Curie C, Lescure B (1989). The gene family encoding the Arabidopsis thaliana translation elongation factor EF-1 alpha: molecular cloning, characterization and expression. *Mol Gen Genet* 219(1-2):106-12.
53. Riggs CD, Hunt DC, Lin J, Chrispeels MJ (1989). Utilization of luciferase fusion genes to monitor differential regulation of phytohemagglutinin and phaseolin promoters in transgenic tobacco. *Plant Science* 63:47-57.

54. Vain P, Yean H, Flament P (1989). Enhancement of production and regeneration of embryogenic type II callus in *Zea mays* L. by AgNO<sub>3</sub>. *Plant Cell Tissue and Organ Culture* 18:143-151.
55. Vain P, Flament P, Soudain P (1989). Role of ethylene in embryogenic callus initiation and regeneration in *Zea mays* L. *Journal of Plant Physiology* 135:537-540.
56. Sanford JC (1988). The biolistic process. *Trends in Biotechnology* 6:299-302.
57. Jouanin L, Vilaine F, Tourneur J, Tourneur C, Pautot V, Muller JF, Caboche M (1987). Transfer of a 4.3-kb fragment of the TL-DNA of *Agrobacterium rhizogenes* strain A4 confers the pRi transformed phenotype to regenerated tobacco plants. *Plant Sci* 53:53-63.
58. Kay R, Chan A, Daly M, McPherson J (1987). Duplication of CaMV 35S promoter sequences creates a strong enhancer for plant genes. *Science* 236:1299-1302.
59. Kuhlemeier C, Green PJ, Chua N-H (1987). Regulation of gene expression in higher plants. *Ann Rev Plant Physiol* 38:221-257.
60. Töpfer R, Matzeit V, Gronenborn B, Schell J, Steinbiss HH (1987). A set of plant expression vectors for transcriptional and translational fusions. *Nucleic Acids Res* 15(14):5890.

61. An G (1986). Development of plant promoter expression vectors and their use for analysis of differential activity of nopaline synthase promoter in transformed tobacco cells. *Plant Physiol* 81:86-91.
62. Fromm ME, Taylor LP, Walbot V (1986). Stable transformation of maize after gene transfer by electroporation. *Nature* 319(6056):791-793.
63. Poole SJ, Kauvar LM, Drees B, Kornberg T (1985). The *engrailed* locus of *Drosophila*: structural analysis of an embryonic transcript. *Cell* 40(1):37-43.
64. Bevan M (1984). Binary *Agrobacterium* vectors for plant transformation. *Nucleic Acids Res* 12(22):8711-8721.
65. Depicker A, Stachel S, Dhaese P, Zambryski P, Goodman HM (1982). Nopaline synthase: transcript mapping and DNA sequence. *J Mol Appl Genet* 1(6):561-573.
66. Krens FA, Molendijk L, Wullems GJ, Schilperoort RA (1982). *In vitro* transformation of plant protoplasts with Ti-plasmid DNA. *Nature* 296:72-74.
67. Franck A, Guilley H, Jonard G, Richards K, Hirth L (1980). Nucleotide sequence of cauliflower mosaic virus DNA. *Cell* 21(1):285-294.

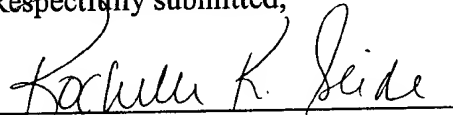
The submission of this Supplemental Information Disclosure Statement does not represent that a search has been made or that no better art exists and does not constitute

an admission that any of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Applicants believe that no fees are due in connection with the filing of this Information Disclosure Statement. However, if any fee is due or overpayment made with regard to this communication, the Commissioner is authorized to charge any such fee, and to credit any overpayment, to our Deposit Account No. 02-4377. Two copies of this communication are enclosed.

Respectfully submitted,

A handwritten signature in cursive script, reading "Rochelle K. Seide", is written over a horizontal line.

Rochelle K. Seide

Patent Office Reg. No. 32,300

Attorney for Applicants

(212) 408-2626

Enclosures

Form PTO-1449 U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
A34537-PCT-USA (072667.0175)

Serial No.  
09/890,779

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

SEP 2 9 2003

(Use several sheets if necessary)

Applicant  
Werr

Filing Date  
August 6, 2001

Group Art Unit  
Not Yet Assigned

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
1.	5 9 0 7 0 8 1	05/25/99	Isaac et al.	800	205	
13.	5 6 8 9 0 4 4	11/18/97	Ryals et al.	800	205	
47.	4 9 4 3 6 7 4	07/24/90	Houck et al.	800	205	

**FOREIGN PATENT DOCUMENT**

Document No.	Date	Country	Class	SubClass	Translator Yes No
9. 9 7 2 3 6 1 8	07/03/97	WIPO	C12N	15/29	
25. 9 4 2 1 7 9 3	09/29/94	WIPO	C12N	15/29	
27. 0 6 9 2 0 3 0	10/13/94	EPC			
29. 9 4 2 3 0 4 3	10/13/94	WIPO	C12N	15/29	
33. 9 3 0 2 1 9 7	02/04/93	WIPO	C12N	15/56	
38. 9 2 1 1 3 7 9	07/09/92	WIPO	C12N	15/82	
41. 0 4 7 5 5 8 4	03/18/92	EPC	C12N	15/29	
46. 9 0 0 2 1 7 2	03/08/90	WIPO	C12N	5/00	
50. 8 9 1 0 3 9 6	11/02/89	WIPO	C12N	5/00	

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

2.	Ahmad KF, Engel CK, Prive GG (1998). Crystal structure of the BTB domain from PLZF. <i>Proc Natl Acad Sci USA</i> 95(21):12123-12128.
3.	Hardtke CS, Berleth T (1998). The Arabidopsis gene <i>MONOPTEROS</i> encodes a transcription factor mediating embryo axis formation and vascular development. <i>EMBO J</i> 17(5):1405-1411.
4.	Huynh KD, Bardwell VJ (1998). The BCL-6 POZ domain and other POZ domains interact with the co-repressors N-CoR and SMRT. <i>Oncogene</i> 17(19):2473-2484.
5.	Salter MG, Paine JA, Riddell KV, Jepson I, Greenland AJ, Caddick MX, Tomsett AB (1998). Characterisation of the ethanolic-inducible <i>alc</i> gene expression system for transgenic plants. <i>Plant J</i> 16:127-132.
6.	Tamagnone L, Merida A, Parr A, Mackay S, Culianez-Macia FA, Roberts K, Martin C (1998). The AmMYB308 and AmMYB330 transcription factors from <i>antirrhinum</i> regulate phenylpropanoid and lignin biosynthesis in transgenic tobacco. <i>Plant Cell</i> 10(2):135-154.
7.	Thiel G, Lietz M, Cramer M (1998). Biological activity and modular structure of RE-1-silencing transcription factor (REST), a repressor of neuronal genes. <i>J Biol Chem</i> 273(41):26891-26899.

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:459070.1

SEP 29 2003

Page 2 of 4

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.  
A34537-PCT-USA (072667.0175)Serial No.  
09/890,779**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)Applicant  
Werr  
Filing Date  
August 6, 2001Group Art Unit  
Not Yet Assigned

8.	Tolkunova EN, Fujoka M, Kobayashi M, Deka D, Jaynes JB (1998). Two distinct types of repression domain in engrailed: one interacts with the groucho corepressor and is preferentially active on integrated target genes. <i>Mol Cell Biol</i> 18(5):2804-2814.
10.	Bürglin TR (1997). Analysis of TALE superclass homeobox genes (MEIS, PBC, KNOX, Iroquois, TGIF) reveals a novel domain conserved between plants and animals. <i>Nucleic Acids Res</i> 25(21):4173-4180.
11.	Martin C, Paz-Ares J (1997). MYB transcription factors in plants. <i>Trends Genet</i> 13(2):67-73.
12.	Moosmann P, Georgiev O, Thiesen HJ, Hagmann M, Schaffner W (1997). Silencing of RNA polymerases II and III-dependent transcription by the KRAB protein domain of KOX1, a Kruppel-type zinc finger factor. <i>Biol Chem</i> 378(7):669-677.
14.	Sessions A, Nemhauser JL, McColl A, Roe JL, Feldmann KA, Zambryski PC (1997). <i>ETTIN</i> patterns the <i>Arabidopsis</i> floral meristem and reproductive organs. <i>Development</i> 124(22):4481-4491.
15.	Ulmasov T, Hagen G, Guilfoyle TJ (1997). ARF1, a transcription factor that binds to auxin response elements. <i>Science</i> 276(5320):1865-1868.
16.	Conlon FL, Sedgwick SG, Weston KM, Smith JC (1996). Inhibition of Xbra transcription activation causes defects in mesodermal patterning and reveals autoregulation of Xbra in dorsal mesoderm. <i>Development</i> 122(8):2427-2435.
17.	Friedmann JR, Fredericks WJ, Jensen DE, Speicher DW, Huang XP, Neilson EG, Rauscher FJ III (1996). KAP-1, a novel corepressor for the highly conserved KRAB repression domain. <i>Genes Dev</i> 10:2067-2078.
18.	Ishida Y, Saito H, Ohta S, Hiei Y, Komari T, Kumashiro T (1996). High efficiency transformation of maize ( <i>Zea mays</i> L.) mediated by <i>Agrobacterium tumefaciens</i> . <i>Nat Biotechnol</i> 14(6):745-750.
19.	Simon R, Igeno MI, Coupland G (1996). Activation of floral meristem identity genes in <i>Arabidopsis</i> . <i>Nature</i> 384(6604):59-62.
20.	Smith ST, Jaynes JB (1996). A conserved region of engrailed, shared among all en-, gsc-, Nk1-, Nk2- and msh-class homeoproteins, mediates active transcriptional repression in vivo. <i>Development</i> 122(10):3141-3150.
21.	Überlacker B, Werr W (1996). Vectors with rare-cutter restriction enzyme sites for expression of open reading frames in transgenic plants. <i>Molecular Breeding</i> 2:293-295.
22.	John A, Smith ST, Jaynes JB (1995). Inserting the Ftz homeodomain into engrailed creates a dominant transcriptional repressor that specifically turns off Ftz target genes in vivo. <i>Development</i> 121(6):1801-1813.
23.	Ni M, Cui D, Einstein J, Narasimhulu S, Vergara CE, Gelvin SB (1995). Strength and tissue specificity of chimeric promoters derived from the octopine and mannopine synthase genes. <i>Plant J</i> 7:661-676.
24.	Vos P, Hogers R, Bleeker M, Reijans M, van de Lee T, Hornes M, Frijters A, Pot J, Peleman J, Kuiper M, et al. (1995). AFLP: a new technique for DNA fingerprinting. <i>Nucleic Acids Res</i> 23(21):4407-4414.
26.	Dennehey BK, Petersen WL, Ford-Santino C, Pajean M, Armstrong CL (1994). Comparison of selective agents for use with the selectable marker gene <i>bar</i> in maize transformation. <i>Plant Cell Tissue and Organ Culture</i> 36:1-7.
28.	Flavell RB (1994). Inactivation of gene expression in plants as a consequence of specific sequence duplication. <i>Proc Natl Acad Sci USA</i> 91(9):3490-3496.

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:459070.1

SEP 29 2003

Page 3 of 4

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.  
A34537-PCT-USA (072667.0175)Serial No.  
09/890,779INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
WerrFiling Date  
August 6, 2001Group Art Unit  
Not Yet Assigned

30.	Kerstetter R, Vollbrecht E, Lowe B, Veit B, Yamaguchi J, Hake S (1994). Sequence analysis and expression patterns divide the maize <i>knotted1</i> -like homeobox genes into two classes. <i>Plant Cell</i> 6(12):1877-1887.
31.	Lloyd AM, Schena M, Walbot V, Davis RW (1994). Epidermal cell fate determination in <i>Arabidopsis</i> : patterns defined by a steroid-inducible regulator. <i>Science</i> 266(5184):436-439.
32.	Witzgall R, O'Leary E, Leaf A, Onaldi D, Bonventre JV (1994). The Kruppel-associated box-A (KRAB-A) domain of zinc finger proteins mediates transcriptional repression. <i>Proc Natl Acad Sci USA</i> 91(10):4514-4518.
34.	Bechtold N, Ellis J, Pelletier G (1993). <i>In planta Agrobacterium</i> mediated gene transfer by infiltration of adult <i>Arabidopsis thaliana</i> plants. <i>C.R. Acad Science</i> 316:1194-1199.
35.	Gaubier P, Raynal M, Hull G, Huestis GM, Grellet F, Arenas C, Pages M, Delseny M (1993). Two different <i>Em</i> -like genes are expressed in <i>Arabidopsis thaliana</i> seeds during maturation. <i>Mol Gen Genet</i> 238(3):409-418.
36.	Han K, Manley JL (1993). Functional domains of the Drosophila Engrailed protein. <i>EMBO J</i> 12(7):2723-2733.
37.	Liang P, Averboukh L, Pardee AB (1993). Distribution and cloning of eukaryotic mRNAs by means of differential display: refinements and optimization. <i>Nucleic Acids Res</i> 21(14):3269-3275.
39.	Jack T, Brockman LL, Meyerowitz EM (1992). The homeotic gene APETALA3 of <i>Arabidopsis thaliana</i> encodes a MADS box and is expressed in petals and stamens. <i>Cell</i> 68(4):683-697.
40.	Depigny-This D, Raynal M, Aspart L, Delseny M, Grellet F (1992). The cruciferin gene family in radish. <i>Plant Mol Biol</i> 20(3):467-479.
42.	Binet M-N, Lepetit M, Weil J-H, Tessier L-H (1991). Analysis of a sunflower polyubiquitin promoter by transient expression. <i>Plant Science</i> 79:87-94.
43.	Martin C, Prescott A, Mackay S, Bartlett J, Vrijlandt E (1991). Control of anthocyanin biosynthesis in flowers of <i>Antirrhinum majus</i> . <i>Plant J</i> 1(1):37-49.
44.	McElroy D, Blowers AD, Jenes B, Wu R (1991). Construction of expression vectors based on the rice actin 1 (Act1) 5' region for use in monocot transformation. <i>Mol Gen Genet</i> 231(1):150-160.
45.	Schena M, Lloyd AM, Davis RW (1991). A steroid-inducible gene expression system for plant cells. <i>Proc Natl Acad Sci USA</i> 88(23):10421-10425.
48.	Reina M, Ponte I, Guillen P, Boronat A, Palau J (1990). Sequence analysis of a genomic clone encoding a Zc2 protein from <i>Zea mays</i> W64 A. <i>Nucleic Acids Res</i> 18(21):6426.
49.	Schmidt RJ, Burr FA, Aukerman MJ, Burr B (1990). Maize regulatory gene opaque-2 encodes a protein with a "leucine-zipper" motif that binds to zein DNA. <i>Proc Natl Acad Sci USA</i> 87(1):46-50.
51.	Anderson OD, Greene FC (1989). The characterization and comparative analysis of high-molecular-weight glutenin genes from genomes A and B of a hexaploid bread wheat. <i>T.A.G.</i> 77:689-700.
52.	Axelos M, Bardet C, Liboz T, Le Van Thai A, Curie C, Lescure B (1989). The gene family encoding the <i>Arabidopsis thaliana</i> translation elongation factor EF-1 alpha: molecular cloning, characterization and expression. <i>Mol Gen Genet</i> 219(1-2):106-12.
53.	Riggs CD, Hunt DC, Lin J, Chrispeels MJ (1989). Utilization of luciferase fusion genes to monitor differential regulation of phytohemagglutinin and phaseolin promoters in transgenic tobacco. <i>Plant Science</i> 63:47-57.

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:459070.1

SEP 29 2003

Page 4 of 4

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark OfficeAtty. Docket No.  
A34537-PCT-USA (072667.0175)Serial No.  
09/890,779INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
WerrFiling Date  
August 6, 2001Group Art Unit  
Not Yet Assigned

- |     |   |
|-----|---|
| 54. | Vain P, Yean H, Flament P (1989). Enhancement of production and regeneration of embryogenic type II callus in <i>Zea mays</i> L. by AgNO <sub>3</sub> . <i>Plant Cell Tissue and Organ Culture</i> 18:143-151.  |
| 55. | Vain P, Flament P, Soudain P (1989). Role of ethylene in embryogenic callus initiation and regeneration in <i>Zea mays</i> L. <i>Journal of Plant Physiology</i> 135:537-540.   |
| 56. | Sanford JC (1988). The biolistic process. <i>Trends in Biotechnology</i> 6:299-302.   |
| 57. | Jouanin L, Vilaine F, Tourneur J, Tourneur C, Pautot V, Muller JF, Caboche M (1987). Transfer of a 4.3-kb fragment of the TL-DNA of <i>Agrobacterium rhizogenes</i> strain A4 confers the pRi transformed phenotype to regenerated tobacco plants. <i>Plant Sci</i> 53:53-63. |
| 58. | Kay R, Chan A, Daly, M, McPherson J (1987). Duplication of CaMV 35S promoter sequences creates a strong enhancer for plant genes. <i>Science</i> 236:1299-1302.   |
| 59. | Kuhlemeier C, Green PJ, Chua N-H (1987). Regulation of gene expression in higher plants. <i>Ann Rev Plant Physiol</i> 38:221-257.   |
| 60. | Töpfer R, Matzeit V, Gronenborn B, Schell J, Steinbiss HH (1987). A set of plant expression vectors for transcriptional and translational fusions. <i>Nucleic Acids Res</i> 15(14):5890.  |
| 61. | An G (1986). Development of plant promoter expression vectors and their use for analysis of differential activity of nopaline synthase promoter in transformed tobacco cells. <i>Plant Physiol</i> 81:86-91.  |
| 62. | Fromm ME, Taylor LP, Walbot V (1986). Stable transformation of maize after gene transfer by electroporation. <i>Nature</i> 319(6056):791-793.   |
| 63. | Poole SJ, Kauvar LM, Drees B, Kornberg T (1985). The <i>engrailed</i> locus of <i>Drosophila</i> : structural analysis of an embryonic transcript. <i>Cell</i> 40(1):37-43.   |
| 64. | Bevan M (1984). Binary <i>Agrobacterium</i> vectors for plant transformation. <i>Nucleic Acids Res</i> 12(22):8711-8721.  |
| 65. | Depicker A, Stachel S, Dhaese P, Zambryski P, Goodman HM (1982). Nopaline synthase: transcript mapping and DNA sequence. <i>J Mol Appl Genet</i> 1(6):561-573.  |
| 66. | Krens FA, Molendijk L, Wullems GJ, Schilperoort RA (1982). <i>In vitro</i> transformation of plant protoplasts with Ti plasmid DNA. <i>Nature</i> 296:72-74.  |
| 67. | Franck A, Guilley H, Jonard G, Richards K, Hirth L (1980). Nucleotide sequence of cauliflower mosaic virus DNA. <i>Cell</i> 21(1):285-294.  |

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.  
NY02:459070.1